

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.
15436.98.1

In Re Application Of:

Paul Sung

Serial No.
10/698,831

Filing Date
October 20, 2003

Examiner
Unknown

Group Art Unit
Unknown

Invention: **AUTOMATIC DETECTION OF PRODUCTION AND MANUFACTURING DATA CORRUPTION**

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

Completion of application fees as calculated below:

Utility application filing fee _____

Design application filing fee _____

Total number of independent claims = _____

Total number of claims = _____

Multiple dependent claims _____

Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**

Petition and fee for filing by other than all the inventors or a person not the inventor _____

Fee for processing an application filed with a non-English language specification _____

Fee for processing and retention of application _____

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

One month Two months Three months Four months Five months

from: March 28, 2004 *Date* until: April 28, 2004 *Date*

Total time extension fees **\$110.00**

Total fees due **\$240.00**

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.
15436.98.1

In Re Application Of:

Paul Sung

Serial No.
10/698,831

Filing Date
October 20, 2003

Examiner
Unknown

Group Art Unit
Unknown

Invention: **AUTOMATIC DETECTION OF PRODUCTION AND MANUFACTURING DATA CORRUPTION**

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

The fee of **\$280.00** is to be paid as follows:

- A check in the amount of the fee is enclosed.
- The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **23-3178**
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **23-3178**

R. Burns Israelsen
Signature

Dated: April 6, 2004

R. Burns Israelsen
Attorney for Applicant
Registration No. 42,685
Customer No. 022913

I certify that this document and fee is being deposited on April 6, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Kimberly Kendrick

Typed or Printed Name of Person Mailing Correspondence

CC:



DECLARATION, POWER OF ATTORNEY, AND PETITION

I, Paul Sung, declare: that I am a citizen of the Canada; that my residence and post office address is 18880 Bellgrove Circle, Saratoga, California 94070; that I verily believe I am the original, first, and sole inventor of the subject matter of the invention or discovery entitled AUTOMATIC DETECTION OF PRODUCTION AND MANUFACTURING DATA CORRUPTION for which a patent is sought and which is described and claimed in the specification which was filed in the United States Patent and Trademark Office as Serial No. 10/689,931 on October 20, 2003; that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to herein; and that I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Section 1.56(a) of Title 37 of the Code of Federal Regulations.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint as my attorneys and/or patent agents those listed under the following Customer Number with full power to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

022913
Customer Number

All correspondence and telephonic communications should be directed to:

Eric L. Maschoff
Telephone: (801) 533-9800
Facsimile: (801) 328-1707

Wherefore, I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed this 29th day of March, 2004.

Inventor:



Paul Sung
18880 Bellgrove Circle
Saratoga, California 94070-4567

KKK000002489V001

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)**(Large Entity)**

Docket No.

15436.98.1

In Re Application Of: Paul Sung

Serial No.
10/689,931Filing Date
October 20, 2003Examiner
UnknownGroup Art Unit
2125

Invention: AUTOMATIC DETECTION OF PRODUCTION AND MANUFACTURING DATA CORRUPTION

TO THE COMMISSIONER FOR PATENTS:

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of January 28, 2004 above-identified application.

Date

The requested extension is as follows (check time period desired):

One month Two months Three months Four months Five months

from: March 28, 2004 until: April 28, 2004
Date *Date*

The fee for the extension of time is \$110 and is to be paid as follows:

A check in the amount of the fee is enclosed.

The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 23-3178

If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 23-3178

R. Burns Israelsen*Signature*Dated: April 6, 2004

R. Burns Israelsen
Attorney for Applicant
Customer No. 022913

I certify that this document and fee is being deposited on April 6, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Kimberly Kendrick

Typed or Printed Name of Person Mailing Correspondence

04/08/2004 CCHAU1 00000014 10689931

02 FC:1251

110.00 OP

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g at position 10 = beta-L-Deoxynucleoside

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<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 7
<223> g = beta-L-Deoxynucleoside

<400> 86
ctatctgacg ttctctgt

18

<210> 87
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 12
<223> t = beta-L-Deoxynucleoside

<400> 87
ctatctgacg ttctctgt

18

<210> 88
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> (1)...(18)
<223> all nucleotides = beta-L-deoxynucleoside

<400> 88
ctatctgacg ttctctgt

18

<210> 89
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 5
<223> c = 2'-O-Propargyl-ribonucleoside

<400> 89
ctatctgacg ttctctgt 18

<210> 90
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 15
<223> c = 2'-O'Propargyl-ribonucleoside

<400> 90
ctatctgacg ttctctgt 18

<210> 91
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 4, 5
<223> a at position 4 = 1',2'-Dideoxyribose
c at position 5 = 1',2'-Dideoxyribose

<400> 91
cctactagcg ttctcatc 18

<210> 92
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 4, 5
<223> a at position 4 = C3-Linker
c at position 5 = C3-Linker

<400> 92
cctactagcg ttctcatc 18

<210> 93
<211> 18
<212> DNA

<213> Artificial Sequence

<220>

<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base

<222> 4, 5

<223> a at position 4 = 3'-methoxyribonucleoside
c at position 5 = 3'-methoxyribonucleoside

<400> 93

cctactagcg ttctcatc

18

<210> 94

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> modified linkage of oligodeoxynucleotide phosphorothioate

<221> modified_base

<222> 4, 5, 12

<223> a at position 4 = 1',2'-Dideoxyribose
c at position 5 = 1',2'-Dideoxyribose
t at position 12 = 2'-methoxyribonucleoside

<400> 94

cctactagcg ttctcatc

18

<210> 95

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> modified linkage of oligodeoxynucleotide phosphorothioate

<400> 95

cctactaggc ttctcatc

18

<210> 96

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base

<222> 10

<223> g = 7-deazaguanine

<400> 96

ctatctgacg ttctctgt

18

<210> 97

<211> 18

<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 9
<223> g = 7-deazaguanine

<400> 97
ctatctgagc ttctctgt 18

<210> 98
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<400> 98
tctcccaagcg tgcgccat 18

<210> 99
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 10,14
<223> g at positions 10 and 14 = 7-deazaguanine

<400> 99
tctcccaagcg tgcgccat 18

<210> 100
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 5
<223> c = C3-Linker

<221> modified_base
<222> 10
<223> g = 7-deazaguanine

<400> 100
ctatctgacg ttctctgt 18

<210> 101
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 10
<223> g = 6-thioguanine

<400> 101
ctatctgacg ttctctgt 18

<210> 102
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 9
<223> g = 6-thioguanine

<400> 102
ctatctgacg ttctctgt 18

<210> 103
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 9
<223> c = 4-thiouridine

<400> 103
ctatctgacg ttctctgt 18

<210> 104
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 5
<223> c = 1,2-Dideoxyribose

<221> modified_base

<222> 9
<223> c = 4-thiouridine

<400> 104
ctatctgacg ttctctgt 18

<210> 105
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 9
<223> c = Ara-C

<400> 105
ctatctgacg ttctctgt 18

<210> 106
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 10
<223> c = Ara-C
<400> 106
ctactctgac cttctctgt 19

<210> 107
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 9
<223> c = 1',2'-Dideoxyribose

<400> 107
ctatctgacg ttctctgt 18

<210> 108
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 8
<223> a = 1',2'-Dideoxyribose

<400> 108
ctatctgacg ttctctgt 18

<210> 109
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 6
<223> t = 1',2'-Dideoxyribose

<400> 109
ctatctgacg ttctctgt 18

<210> 110
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 4
<223> t = 1',2'-Dideoxyribose

<400> 110
ctatctgacg ttctctgt 18

<210> 111
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base
<222> 11
<223> t = 1',2'-Dideoxyribose

<400> 111
ctatctgacg ttctctgt 18

<210> 112
<211> 18
<212> DNA
<213> Artificial Sequence

<220>

<223> modified oligodeoxynucleotide phosphorothioate

<221> modified_base

<222> 13

<223> c = 1',2'-Dideoxyribose

<400> 112

ctatctgacg ttctctgt

18